

Date of approval: June 2018

No.	Related Documents	Status *
1	Latest version of Tide table	Active
2	ISPS ship pre-arrival form (F-51/52.001)	Active
3	Maritime Declaration of Health form (F-51/52.021)	Active
4	Shipping notice 2016/01 Minimum requirements for safe and efficient passage of sea-going vessels in Surinamese waters	Active
5	Chart no SR2218 - GB2765 Suriname River from Entrance to Toevlucht	Active <b>Note : NTM No.50/2018T</b>
6	Shipping notice 2017/4 Nautical Accessibility Suriname River	Replaced by Shipping notice 2018/3 Nautical Accessibility Suriname River.

### Additional requirements for ships to navigate the Suriname River

#### 1. Length overall (L.O.A.) and Beam

The maximum L.O.A. of a ship that can have a safe and smooth passage under the current conditions of the Suriname River from the river mouth up to Paramaribo must be no more than 225 (two hundred and twenty-five) metres.

The maximum beam is set at 35 (thirty five) metres for the entire channel.

#### 2. Tug boat assistance

In special or exceptional cases the MAS is fully authorized to request tugboat assistance for partial or the entire distance to be navigated within the channel.

#### 3. Ships draft

The minimum chart depth in the mouth of the Suriname River is 4.00 (four) metres. Sea going vessels making use of the ports of the Suriname River can load up to 5.85 (five 85/100) metres at MHWN (Mean High Water at Neap tide) and 6.4 (six 4/10) metres at MHWS (Mean High Water Spring). The draft of the ship is dependent of the tide by which MHWN indicates the lower limit of 5.85 metres is given and MHWS the upper limit of 6.40 metres. The calculation is based on fresh water density (1.0 Kg/L).

Table 1

Waterlevel	CD + waterlevel	Depth	Keel clearance	Draft
MHWN	4.00 m + 2.15 m	6.15 m	0.30m	5.85 m
MHWS	4.00 m + 2.80 m	6.80 m	0.40m	6.40 m

### Maximum Draft

#### WATERLEVEL: MEAN RIZE BY SPRING- AND NEAPTIDE

Mean rise at springtide: 2.80 metres  
 Mean rise at neap tide: 2.15 metres  
 Bar depth in the River Mouth: 4.00 metres.

<b>Spring to Neaptide</b>	<b>: 2.80 m.</b>
<b><u>Bar depth</u></b>	<b>: <u>4.00 m.</u></b>
<b>Total</b>	<b>: <u>6.80 m.</u></b>
<b><u>Keel clearance</u></b>	<b>: <u>0.40 m.</u></b>
<b>Shipsdraft to depart</b>	<b>: 6.40 m.</b>

At mean **spring tide** (2.80 m.) can safely load to  $\pm$  6.40 m.

<b>Neaptide to springtide</b>	<b>: 2.15 m.</b>
<b><u>Bardepth</u></b>	<b>: <u>4.00 m.</u></b>
<b>Total</b>	<b>: <u>6.15 m.</u></b>
<b><u>Keel clearance</u></b>	<b>: <u>0.30 m.</u></b>
<b>Shipdraft to depart</b>	<b>: 5.85 m.</b>

At mean **neap tide** (2.15 m.) can safely load to  $\pm$  5.85 m.

**Note: The calculations above are based on mean values. The actual tide can be lower or higher than the mean values. The day to day tidal information is published in the annual tide tables of the Maritime Authority of Suriname. The calculation is based on fresh water density (1.0 Kg/L).**

#### Anchorage areas

Suzannasdaal Anchorage: 5°52' 9.08" N - 55° 5' 34.66" W

At present, local water depths are adequate for accommodating vessels at anchor with draughts of up to 6.9 metres.

Simonspolder Anchorage: 05°38'.812 N - 55°04'.023 W

At present, local water depths are adequate for accommodating vessels at anchor with draughts of up to 7.1 metres.

**General Note:**

- **Vessels with bow thrusters which are not in good working condition are regarded as vessels without bow thrusters.**
- **A mooring boat must be on standby to assist with the mooring lines.**
- **For tugboat assistance tugboat operators/companies should possess a valid license for tugboat operations issued by the Maritime Authority Suriname.**

**Approved by the  
Maritime Authority Suriname,**



**Mr. M. Amafo LL.M  
Director**